

Form PTO-948 (Rev. 06/03)

Application No. 12/707,938U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1-27-04 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.1. **DRAWING**. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_2. **PHOTOGRAPHS**. 37 CFR 1.84(b)☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_☐ Photographs may not be mounted. 37 CFR 1.84(c)☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_3. **TYPE OF PAPER**. 37 CFR 1.84(c)☐ Paper not suitable, strong, white, and durable.

Fig(s) \_\_\_\_\_

☐ Erasures, iterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

4. **SIZE OF PAPER**. 37 CFR 1.84(f): Acceptable sizes:☐ 21.0 cm by 29.7 cm (DIN size A4) or☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_5. **MARGINS**. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 1☐ Top (T) ☐ Left (L)☒ Right (R) ☐ Bottom (B)6. **VIEWS**. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, including the Brief Description of the Drawings, must likewise be changed.

☒ Views not labeled separately or properly.Fig(s) 1, 27. **SECTIONAL VIEWS**. 37 CFR 1.84(h)(3)☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_8. **ARRANGEMENT OF VIEWS**. 37 CFR 1.84(i)☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_9. **SCALE**. 37 CFR 1.84(k)☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

10. **CHARACTER OF LINES, NUMBERS, & LETTERS**. 37 CFR 1.84(l)☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1, 211. **SHADING**. 37 CFR 1.84(m)☐ Solid black areas pale. Fig(s) \_\_\_\_\_☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS**. 37 CFR 1.84(p)☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_☐ Figure legends are poor. Fig(s) \_\_\_\_\_☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_13. **LEAD LINES**. 37 CFR 1.84(q)☐ Lead lines missing. Fig(s) \_\_\_\_\_14. **NUMBERING OF SHEETS OF DRAWINGS**. 37 CFR 1.84(t)☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_15. **NUMBERING OF VIEWS**. 37 CFR 1.84(u)☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_16. **DESIGN DRAWINGS**. 37 CFR 1.152☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_COMMENTS REMOVE THE TITLE BLOCK FROM FIG. 1, 2  
LABEL FIG. 2 AS FIG. 2A, 2BReviewer C. CHASE

If you have questions, call (703) 305-8404.

Date 8-19-04

Attachment to Paper No. \_\_\_\_\_